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HAVE YOU MOVED?

If your present address differs from that shown on the address label, please send your new address to: Grants and Contract Guide Distribution Center, National Institutes of Health, Room B3B10, Building 31, Bethesda, Maryland 20205, and attach your address label to your letter. Prompt notice of your change of address will prevent your name from being removed from our mailing list.

The GUIDE is published at irregular intervals to announce scientific initiatives and to provide policy and administrative information to individuals and organizations who need to be kept informed of opportunities, requirements, and changes in grants and contracts activities administered by the National Institutes of Health.

Two types of supplements are published by the respective awarding units. Those printed on yellow paper concern contracts: solicitations of sources and announcement of availability of requests for proposals. Those printed on blue paper concern invitations for grant applications in well-defined scientific areas to accomplish specific program purposes.

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NOTICE

RESEARCH TRAINING OPPORTUNITIES SUPPORTED BY THE NIH

A new series of pamphlets entitled Research and Research-Related Manpower Development Programs supported by the National Institutes of Health is now available. Program summaries are provided in each pamphlet which include information on eligibility, funding, points of contact, and application deadlines.

The four-part series of booklets lists NIH training programs for individuals at the following educational levels:

- o High School
- o College
- o Postbaccalaureate
- o Postdoctoral

For copies of individual booklets, or the complete set, contact:

Office of Grants Inquiries
Division of Research Grants
National Institutes of Health
Westwood Building, Room 240
Bethesda, Maryland 20205
(301) 496-7441

NOTICE

PATENTS: SMALL FIRMS AND NON-PROFIT ORGANIZATIONS

As noted in the June 26, 1981 issue of the Guide, P.L. 96-517, "The Patent and Trademark Amendments of 1980" took effect on July 1, 1981. The Office of Management and Budget has issued a Bulletin providing interim policies, procedures, and guidelines with respect to inventions made by small business firms, non-profit organizations under funding agreements (contracts, grants, or cooperative agreements) with Federal agencies where a purpose is to perform experimental, developmental or research work.

The Bulletin provides interim policy coverage effective July 1, 1981, and invites public comment. A final OMB Circular will be issued on or before December 31, 1981.

The text of the Bulletin and information on where to send comments (due by September 1, 1981) may be found in the July 2, 1981 issue of the Federal Register (Vol. 46, No. 127, pages 34776-34782).

ANNOUNCEMENT

AVAILABILITY OF REQUEST FOR APPLICATIONS (RFA)REGIONAL COOPERATIVE CLINICAL TRIALS GROUPS

NATIONAL CANCER INSTITUTE

Application receipt date: November 16, 1981

The National Cancer Institute (NCI) announces the availability of a Request for Applications (RFA) inviting proposals for the establishment of Regional Cooperative Clinical Trials Groups. At the present time, the NCI's Division of Cancer Treatment through the Cancer Therapy Evaluation Program supports clinical trials groups which cooperate together to perform statistically valid clinical research protocols. These groups presently are of four major types: (1) groups that are specifically disease oriented; (2) groups that are designed to deal primarily with high technology, single modality studies; (3) groups in which the investigators have a particular expertise (such as pediatricians); and (4) multimodal national groups. The purpose of the RFA is to encourage the establishment of groups that would have certain geographic advantages because they are compactly organized. These groups may have several advantages. For example, they may provide opportunities for practicing oncologists not currently involved in research clinical trials. Some of these groups may be organized around cancer centers. The groups can also take advantage of community outreach programs, provide state of the art therapies to patients, and strengthen accrual to research protocols.

It is intended that Regional Groups will be able to support clinical trials which take advantage of the scientific strengths of the communities in which they are organized. If, for example, a neutron generator is available, then a regional group could be established to accrue patients for neutron therapy trials in the geographic vicinity of that facility.

The Division of Cancer Treatment, NCI, intends to support these groups through the funding of institutions capable of serving as group operations and statistical offices. These offices would function as the centers of operation for consortia with reasonable geographic bases and unique patient resources and treatment capabilities. It is intended that these new cooperative groups will demonstrate the functional capability of regional consortia to perform innovative and meaningful cancer clinical research trials.

This program is described in the Catalog of Federal Domestic Assistance, number 13.394, Cancer Treatment Research. Awards will be made under the authority of the Public Health Service Act, Title IV, Part A (Public Law 78-410 as amended; 42 USC 282) and administered under PHS grant policies and Federal Regulations, 42 CFR Part 52 and 45 CFR Part 74. This program is not subject to A-95 Clearinghouse or Healthy Systems Agency Review.

Awards under this announcement will be made as Cooperative Agreements. These are assistance relationships entailing substantial collaboration and involvement with NCI staff. The specific terms of this involvement by NCI staff are outlined in the RFA. NCI anticipates making three to five awards as a result of this request. A total of \$1.5 million has been set aside to fund the initial year's awards. Awards will be made for a project period of four years. Adjustments in the level of funding may be made annually. Renewal of the initial award beyond four years will be contingent upon satisfactory review of a competing renewal application by a peer review committee. An RFA is available which outlines in greater detail the proposed study, the eligibility criteria for application, and the review procedures and criteria. An institution wishing to participate in this effort must submit an application in accordance with the guidelines specified in the RFA. The deadline for receipt of applications for Regional Cooperative Clinical Trials Groups is November 16, 1981. Applications received after this date will not be considered.

Additional information and copies of the RFA may be obtained from:

John Y. Killen, Jr., M.D.
Chief, Medicine Section
Clinical Investigations Branch
Cancer Therapy Evaluation Program
Division of Cancer Treatment
National Cancer Institute
Landow Building, Room 4A16
Bethesda, Maryland 20205
Telephone: (301) 496-2522

ANNOUNCEMENT

SUPPORT OF RESEARCH CENTER AND PROGRAM PROJECT GRANTSNATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE
DISORDERS AND STROKEA. Program Guidelines

The NINCDS uses the grant support mechanisms of research centers and program projects to accomplish specific program purposes. In particular, these mechanisms are intended to support multi-project, multidisciplinary efforts directed toward the solution of major problems in the neurological or communicative sciences. The problems may be basic or clinical, or a combination of the two. The individual projects to be addressed in these grants should be interrelated to the extent that accomplishments can be expected which would not be possible through individual research project grant support. These support mechanisms are not intended primarily to provide common or shared facilities (though this might be a by-product of such support) nor to provide general institutional or departmental support for neurological or communicative science research. Applicants must demonstrate that support through the program project or clinical research center mechanism is expected to produce results beyond that produced by individual research grant support, and that the projects proposed are interrelated and directed toward a common and specified research goal. Applications will be judged in part on the basis of how well they are directed toward these purposes. Grants will not be made in those instances where interrelationships and a common goal are not demonstrated.

B. Guidelines for Dollar Limitation

To accomplish the goals of program projects and centers as described above, the Institute expects that applications will normally not request more than an average of \$600,000 in direct costs per year (i.e., a total of \$3,000,000 for a five-year request or \$1,800,000 for a three-year request). Likewise, applications for supplementary grants to active program projects and centers should not request amounts such that the total of the supplementary request (if awarded) and the parent grant would exceed the ceiling amounts specified above. It should be emphasized that these are ceiling amounts, and that the Institute expects that most applications submitted will be for considerably lesser amounts. There may be exceptional circumstances when this limitation is inappropriate. In such instances, applicants should consult with the Institute well in advance of the anticipated submission date to permit careful fiscal and programmatic review. Since funding decisions for research centers and program projects are influenced by the amount of the approved application, careful consideration should be given by applicants to the impact of requesting funds greater than those suggested in these guidelines.

C. Letter of Intent

A letter of intent to apply for a program project or research center from all prospective applicants is strongly recommended. It should provide a brief summary of the objectives of the proposed application, the rationale for requesting program project or center support as opposed to individual research grant support, a listing and short description of each proposed project, and an estimate of the necessary level of support to be requested. Letters of intent should be sent approximately three months prior to the preparation and submission of a formal application.

Although there is no limitation on the number of projects in the application, the complexity of the proposal should not be so great as to bring into question the ability of the Program Director to oversee adequately all aspects of it.

Deadlines for submission of project and clinical research center grant applications are February 1, June 1, and October 1 each year. The regular research grant application kit (PHS 398) is to be used in the manner indicated in the "NINCDS Guidelines for the Preparation of Program Project and Research Center Applications."

Persons considering the submission of such applications should request a copy of detailed Institute guidelines from:

Director, Extramural Activities Program
National Institute of Neurological and
Communicative Disorders and Stroke
National Institutes of Health
Federal Building, Room 1016
Bethesda, Maryland 20205

Review of applications will be by an NINCDS Program Project Review Committee, and by the National Advisory Neurological and Communicative Disorders and Stroke Council. The review process requires approximately nine months, and usually involves a project site visit carried out by a group of peer reviewers.

REQUEST FOR RESEARCH GRANT APPLICATIONS: RFANIH-NICHD-CRMC-MRDD-81-1MENTAL RETARDATION SPECIALIZED RESEARCH CENTERS (P50)

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

Application Receipt Date: December 1, 1981

I. INTRODUCTION

The National Institute of Child Health and Human Development (NICHD), through the Mental Retardation and Developmental Disabilities Branch (MRDD), Center for Research for Mothers and Children (CRMC), invites specialized research center grant applications (P50) as part of the Institute's Mental Retardation Research Centers Program to develop new knowledge in the field of prevention and/or amelioration of mental retardation. One or two centers may be supported in response to this announcement.

A Mental Retardation Specialized Research Center (MRSRC) is a center to facilitate, through organization and operation, a program of biomedical and/or behavioral research in mental retardation. Mental Retardation Specialized Research Center grants will support multidisciplinary research in areas where gaps in knowledge are not being sufficiently addressed by ongoing research, or efforts are needed to stimulate or intensify endeavors in promising research areas. These grants will provide support for both individual research projects and core support services.

The primary objective of the NICHD Mental Retardation Research Centers Program is to provide support and facilities for a cohesive, interdisciplinary program of research and research training in mental retardation and related aspects of human development. Public Law 88-164, Title I, Part A authorized construction for 12 mental retardation research centers. NICHD has continued the support of these centers through the provision of core grants (P30) which facilitate program coordination and support central facilities. Funds for the research projects using these core facilities come from independent sources including Federal, State, and private organizations.

This program is described in the Catalog of Federal Domestic Assistance under number 13.865, Research for Mothers and Children. Awards will be made under authority of the Public Health Service Act, Title III, Section 301 (P.L. 78-410, as amended 42 USC 241) and administered under Public Health Service grant policies and Federal Regulations 42 CFR, Part 52 and 45 CFR, Part 74. These programs are not subject to A-95 Clearinghouse or Health Systems Agency Review.

II. BACKGROUND

A major goal of the CRMC's Mental Retardation Research Centers Program is to prevent and/or ameliorate mental retardation. The degree of impairment associated with mental retardation varies in relation to the cause. Moderate and more severe retardation often results from problems that produce profound alterations in brain development and/or function. Diminished intellectual and adaptive capacity can often be traced to defective genes, teratogenic agents, infections, accidents, diseases, and other disorder causing brain damage. A larger proportion of cases of mental retardation is related to environmental conditions and disorders of unknown etiology. These complex problems require integrated, multidisciplinary approaches involving biomedical and behavioral sciences in a variety of settings.

Down syndrome is one example of the complex problems of mental retardation in need of expanded research. This is the most common genetic problem leading to mental retardation. The genetic determinants of Down syndrome are expressed throughout the lifespan of affected individuals and pose special adjustment problems for the individual, the family, and the community. A vigorous effort in studying the behavior and development of children with Down syndrome is needed as well as continued research into understanding genetic defects and their role in human development.

Teratogenic agents as etiological factors in mental retardation constitute another complex problem area. Increasing use of chemical agents has led to greater likelihood of exposure to one or more of them. Common, widely used substances may be capable of potentiating the effects of other environmental agents and may lead to congenital defects resulting in mental retardation. Examination of these effects could be important in the understanding of mental retardation arising from heretofore unidentified causes.

III. RESEARCH SCOPE

Applications for Mental Retardation Specialized Center Grants (P50) will be limited to the following areas of research:

A. Genetics/Teratology

Studies to prevent Down syndrome, Fragile X syndrome, or other genetic disorders as well as research on teratogenic agents associated with mental retardation are desired. Understanding the mechanisms involved in, and the factors that contribute to, nondisjunction is essential if non-invasive measures to prevent Down syndrome are to be developed. It is important also to determine the developmental consequences of chromosome imbalance in Down syndrome. Studies of gene "mapping" on chromosome 21 could be expanded, including investigations of the role that these genes may have on brain development and function. Furthermore, investigations concerning how the extra genetic material affects the phenotype prenatally and postnatally might be undertaken.

New approaches to studying fundamental cognitive and social processes among individuals with Down syndrome and other genetic disorders are needed. Research could focus on specific capacities and deficits in persons with genetically caused disorders in comparison with individuals with other forms of mental retardation.

Studies of developmental and behavioral teratology are desired in order to understand the prenatal and postnatal factors which result in mental retardation and related developmental disabilities. Research in behavioral teratology is especially needed, including the development and implementation of suitable methodologies related to mental retardation. Research on subclinical levels of toxic agents and their effects on morphological and behavioral changes associated with mental retardation is appropriate. There is also special interest in relationships between genetic predispositions and teratological effects.

B. Epidemiological and Ecological Research

Studies which are concerned with fundamental approaches to the epidemiology of mental retardation and related developmental disabilities are desired. Research projects on the epidemiology of the Fragile X syndrome and a determination of the spectrum of its clinical manifestations are especially needed. Studies on the distribution of various types of mental retardation and developmental disabilities within a variety of settings in the community are envisioned. Research on the influence of community and family variables on the social and cognitive development of mentally retarded individuals could be included in this area. Studies of the effects of institutions and of the policies which guide them, the effect of retarded persons on families, and the effect of socioeconomic factors on the development, care, and life outcome for retarded persons might be undertaken.

IV. MECHANISM, SCOPE, AND SCALE OF SUPPORT

Mental Retardation Specialized Research Center grants will be supported through the customary grant-in-aid mechanism. Review of applications and management of grants will be subject to applicable policies for NIH research center grants.

Awards will be made initially for a period of not less than 3 years and not more than 5 years, with an option for renewal. To be eligible for award as a MRSRC, an approved application must contain a minimum of 3 sub-projects.

The total direct costs requested for the first year may not exceed \$500,000. Budget increments for subsequent years generally will be limited to necessary cost-of-living increases, in line with current policies of the applicant institution. Budgets of applications for new and renewal support will be stringently reviewed within these guidelines.

V. METHOD OF APPLYING AND APPLICATION REQUIREMENTS

A Health Scientist Administrator in the CRMC will advise prospective applicants prior to submitting a proposal, on relevance of proposed concepts to the needs of the NICHD Mental Retardation Centers Program.

A. Guidelines

Detailed guidelines are found in "NICHD Research Centers Programs" (hereafter called "NICHD Centers Guidelines"). This document may be obtained from:

Dr. Peter Vietze, Head
MRRRC Program, CRMC
National Institute of Child Health
and Human Development
National Institutes of Health
Room 7C16, Landow Building
Bethesda, Maryland 20205

B. Eligibility

Any of the following organizations are eligible to apply: Nonprofit organizations and institutions; State and local governments and their agencies; and authorized Federal institutions. As stated in the NICHD Center Guidelines, the NICHD will not support more than one NICHD center (P30, P50) in a given department or specialty unit.

C. Letter of Intent

If an investigator is satisfied his/her institution meets the qualifications prescribed (see V. A. above) and elects to apply for a Mental Retardation Specialized Research Center grant (P50), a letter of intent must be submitted to the Director of the Center for Research for Mothers and Children (CRMC). The letter of intent, not to exceed three single-spaced typewritten pages, should state the qualifications of the applicant institution, outline the proposed program of research, and name the principal investigators of the individual projects. It should be submitted by September 1, 1981 to:

Director
Center for Research for Mothers and Children
National Institute of Child Health
and Human Development
Bethesda, Maryland 20205
Att: Head, MRRRC Program

The letter of intent will be reviewed to determine whether the proposal is appropriate for the NICHD's Mental Retardation Research Centers Program and whether the institution appears to meet the eligibility requirements for center status. An applicant will be consulted before

being notified in writing of the Institute's decision. A decision to accept a formal application in no way implies its approval or a commitment to fund.

D. The Application

After the CRMC has determined that a prospective applicant is appropriate for support under the NICHD Mental Retardation Research Centers Program, the applicant should prepare a complete application on research grant application form PHS 398 (revised 5/80). Application kits containing this form and the necessary instructions are available in most institutional business offices or from the Division of Research Grants, NIH.

The NICHD recommends that the application be developed in close cooperation with the Head, Mental Retardation Research Centers Program, Center for Research for Mothers and Children, who will provide whatever guidance is possible and appropriate in relation to both scientific and administrative problems. The CRMC has responsibility to maintain close and continuing contact with each MRSRC to assure that the program develops along lines compatible with the objectives of the original proposal and of the NICHD MRRC Program.

Applicants for P50 Mental Retardation Specialized Research Center grants must propose a program of three or more related and integrated research projects of high quality that provides a multidisciplinary, yet unified, approach to the problem(s) to be investigated. Each project, rather than being summarized, must be presented fully in as much detail as needed.

The MRSRC Director must be a scientist who can provide strong, effective, administrative and scientific leadership. The Director will be responsible for the organization and operation of the MRSRC and for communication with the NICHD on scientific and operational matters. Scientific personnel and institutional resources capable of providing a strong research base in the field specified must be available. In addition the institution and pertinent departments have to show a strong commitment to the center's support.

Any core activities, equipment, or centralized laboratories (i.e., those shared by several or all investigators) must be described to show how they will support the proposed research. Facilities must be available for the primary needs of the MRSRC Program and require no more than modest alteration and/or renovation. Funds for new construction are not available.

Interdisciplinary collaboration among scientists working within a Center is considered a necessity for an effective MRSRC grant. Each MRSRC should submit a plan, as part of the application, to assure continuing interaction among participating scientists. MRSRC grantees must operate within the scope of the approved program.

It is a major goal of the NICHD to promote active collaboration among MRRC's. To accomplish this goal, the successful applicant(s) will be encouraged to participate in the collaborative efforts of established MRRC programs.

VI. TIMETABLE FOR RECEIPT AND REVIEW OF APPLICATIONS

A. Receipt Date

This is a one-time announcement with plans to make no more than two awards in fiscal year 1982. The original and six copies of the application are due in the Division of Research Grants on or before December 1, 1981. The Division of Research Grants will not accept any applications in response to this announcement with first year budget requests exceeding \$500,000 direct costs. Applications must be sent to:

Application Receipt Office
Division of Research Grants
National Institutes of Health
Westwood Building, Room 240
5333 Westbard Avenue
Bethesda, Maryland 20205

Applications should be identified by checking the "yes" box in Item Number 1 on the face page of the application and typing in the words "In response to RFA-NIH-NICHD-CRMC-MRDD-81-1 Mental Retardation Specialized Research Center Grant (P50)." In addition, a brief covering letter should accompany the application indicating that it is in response to this RFA. A copy of the covering letter and three copies of the application also should be sent to:

Associate Director for Scientific Review
Office of Scientific Review
National Institute of Child Health
and Human Development
7910 Woodmont Avenue, Room C-608
Bethesda, Maryland 20205

B. Review Schedule

Proposals in response to this invitation will be reviewed in competition with each other on a nationwide basis. The initial review for scientific merit will be carried out by the Mental Retardation Research Committee, NICHD at its March 1982 meeting. Applications may receive a site visit if this is thought warranted by the Committee. Scientific merit review of the applications will be concluded at the June 1982 meeting of the Mental Retardation Research Committee. The second-level review will be made by the National Advisory Child Health and Human Development Council at its Fall 1982 meeting.

VII. REVIEW CRITERIA

Upon receipt, applications will be reviewed by the Division of Research Grants and NICHD staff for responsiveness to this announcement. Those applications judged not responsive or with a first-year budget request exceeding \$500,000 direct costs will be returned to the applicant organization in care of the principal investigator. Applications judged responsive will be reviewed under the criteria specified in the NICHD Centers Guidelines.

Factors to be considered in evaluating each MRSRC grant application are:

1. Responsiveness of the research program to the mission of the Mental Retardation Research Centers Program.
2. Significance of the proposed research program to the overall goal of the Mental Retardation Research Centers Program.
3. Suitability of the program's central theme for a cooperative research effort.
4. Multidisciplinary scope of the program and provision for coordinating the research projects and core units.
5. Leadership and scientific stature of the program director and his/her ability to meet the program's demands of time and effort.

The review of the projects and core units will consider:

1. Scientific merit of each project and the relation of the project to the central theme of the overall program.
2. Technical merit and justification of each core unit.
3. Qualifications, experience, and commitment of the investigators responsible for the research projects or core units and their ability to devote the required time and effort to the program.
4. Appropriateness of the total budget and budgetary requests for the individual projects and core units.
5. As appropriate, the adequacy of the means proposed for protecting against risks to human subjects, animals, and/or environment.
6. Participation of a suitable number of responsible, experienced investigators.
7. Academic and physical environment as it bears on patients, space, and equipment, and on the potential for interaction with scientists from other departments and institutions.

8. Arrangements for internal quality control of ongoing research, the allocation of funds, day-to-day management, contractual agreements, and internal communication and cooperation among the investigators in the program.
9. Presence of an administrative and organizational structure conducive to attaining the objectives of the proposed program.
10. Institutional commitment to the requirements of the program.

VIII. FUNDING

Although this program is included and provided for in the financial plans for FY 1982, award of Mental Retardation Specialized Research Center grants is contingent upon ultimate allocation of appropriated funds for this purpose. Awards will not exceed \$500,000 for direct costs for the first year. The initial award will be made for a period up to 5 years following peer review according to current NICHD Center Guidelines.

IX. STAFF CONTACT

For further information, potential applicants may write to Director, CRMC (VI, C) or call Dr. Peter M. Vietze, Head, Mental Retardation Research Centers Program (301-496-1383) Mental Retardation and Developmental Disabilities Branch, Center for Research for Mothers and Children, National Institute of Child Health and Human Development.

ANNOUNCEMENT

NIH-FRENCH NATIONAL CENTER FOR SCIENTIFIC RESEARCHPROGRAM FOR SCIENTIFIC COLLABORATION

FOGARTY INTERNATIONAL CENTER

Application Receipt Date: October 1, 1981

PROGRAM DESCRIPTION

Under an agreement between the U.S. National Institutes of Health (NIH) and the French National Center for Scientific Research (CNRS), the two organizations share in the support of well-qualified U.S. scientists selected to work at laboratories in France and similar French scientists selected to work at U.S. laboratories. The purpose of the program is to advance biomedical knowledge through cooperation between U.S. and French scientists in fields of special interest to the NIH and CNRS. Approximately five scientists of each country will be exchanged annually. It is expected that these exchanges will serve as the basis for further and continuing substantive joint relationships, such as collaborative research projects and seminars.

The type of activity undertaken with a host laboratory may include the conduct of a basic or clinical research study, familiarization with or utilization of special techniques and equipment not otherwise available, and/or related cooperative efforts. The program does not provide support for activities which have as principal purposes brief observational visits, attendance at scientific meetings, or independent study. Priority will be given to certain biomedical areas specified by the NIH and the CNRS. A list of priority areas may be found at the end of this announcement.

The period of interaction of the foreign scientist with the host institution is expected to be of sufficient duration to achieve substantive, specific goals. Except under very unusual and strongly justified circumstances, the minimum period of support will be for 6 months and the maximum, 12 months. Requests for extension beyond 12 months will be considered.

The program is administered for the NIH by the Fogarty International Center (FIC).

ELIGIBILITY

U.S. applicants for the program must meet the following basic requirements:

- o be a U.S. citizen or permanent U.S. resident;
- o hold a doctorate degree in one of the biomedical sciences or related fields;

- o have had professional experience in the health or biomedical fields appropriate to the proposed study;
- o be affiliated with a U.S. public or private nonprofit educational, research, or clinical institution.

Working knowledge of the French language is highly desirable. It is primarily the responsibility of the applicant to ascertain if a language barrier might exist at the proposed foreign institution which would be a significant hindrance. Prospective long-term participants are urged to study the language intensively in preparation for their visits.

SUPPORT

Under the agreement between the two agencies, the sending agency pays for all international transportation costs to the place of assignment and the receiving agency provides in-country support costs. For U.S. participants, the following support is provided:

- o Travel The FIC will provide round-trip, jet economy class fare for the participant between the U.S. home city and the French host city. Travel will be in accordance with U.S. Government travel regulations, which require maximum use, where available, of U.S. air carriers. Additional costs of indirect routing at the option of the participant must be at his personal expense. An allowance for 22 pounds or unit of excess accompanied baggage will also be provided.
- o Subsistence The CNRS will provide a subsistence allowance at the rate of 4,000 to 5,000 francs per month as determined on the basis of the research experience of the participant, the number of accompanying dependents, and the cost of living in the locale where he or she works. The CNRS will also provide for the costs of travel within metropolitan France and to and from European centers in neighboring countries to the extent that such travel is judged by the host institution to be required for research or study program of the participant.
- o Health Insurance The CNRS will provide the participant with comprehensive health care for accidents or unanticipated medical needs during the stay in France. The participant must arrange coverage for accompanying family members.

Support for French participants for work in the U.S. under the auspices of the program is provided in a reciprocal manner.

DURATION OF PARTICIPATION

The period of participation which may be initially requested is a minimum of 6 months up to a maximum of 12 months. Requests for extension beyond 12 months will be considered.

APPLICATION AND SELECTION

Specific application information and material for U.S. health professionals interested in participation are provided by the Fogarty International Center. In addition to curriculum vitae and other supporting documentation, the applicant will be required to submit a summary narrative description of the proposed activity to be carried out in France and of the expected benefits to be derived from the experience. It is expected that in most instances the applicant will have had prior contact with a colleague in France who can serve as host and be able to provide necessary facilities.

After initial scientific review by the Division of Research Grants, final selection of U.S. participants from among applicants is made by the Fogarty International Center with the concurrence of CNRS authorities in accordance with the number of participants agreed to and funding availability. Notification of selection decisions is made to U.S. applicants by the Fogarty International Center.

The deadline for receipt of applications of U.S. scientists is October 1 for projects beginning at the earliest the following July or during the 12 months thereafter. Because of advance scheduling for the limited number of participants permitted annually, it may be necessary to defer or to decline consideration of applicants at certain times.

PASSPORTS AND VISAS

It is the responsibility of the individual U.S. participant to obtain his or her passport. The Fogarty International Center will assist the participant in applying for the appropriate French visa if necessary.

REPORTS AND PUBLICATIONS

U.S. participants must submit a summary report to the Fogarty International Center following their visit which covers the work accomplished. Technical articles may be submitted to scientific publications without prior clearance of the NIH or CNRS authorities. However, the support of the program should be acknowledged.

INQUIRIES AND APPLICATION MATERIALS

For U.S. applicants:

NIH-French CNRS Program for Scientific Collaboration
International Cooperation & Geographic Studies Branch
Fogarty International Center
Bethesda, Maryland 20205
(301) 496-5903

PRIORITY INTEREST AREAS

The following areas are of priority interest to NIH and its component Institutes for support of U.S. scientists for work in France under the program:

- NHLBI** Lung Diseases:
- o Structure, function, and development of the lung
 - o Emphysema and chronic bronchitis
 - o Fibrotic and immunologic interstitial lung diseases
- Blood Diseases and Blood Resources:
- o Bleeding and clotting disorders
 - o Disorders of the red blood cell
 - o Development of blood component therapy
- NCI**
- o Diseases of the lung - particularly basic and clinical research on lung cancer
 - o Nucleic acids - research pertaining to radiation, viral, or chemical carcinogenesis, e.g., misrepair and repair of DNA
 - o Toxicology - testing, screening, and mechanism of action and mutagenic and carcinogenic substances
- NICHD** Center for Population Research:
- o Reproductive hormones and reproductive diseases
 - o Fertility; fertility trends; demography; population change, movement, and distribution
- Center for Research for Mothers and Children
- o Problems of pregnancy, embryonic and fetal growth, labor and neonatal adaptation
 - o Congenital anomalies; structural, metabolic, and behavioral
- NIA**
- o Basic biomedical science
 - o Retirement
 - o Animal resources
- NINCDS**
- o Neurophysiology
 - o Clinical investigation
 - o Sensory physiology and biophysics
- NIAID**
- o Molecular biology
 - o Immunology
 - o Arbovirology
- NIEHS**
- o Pharmacology
 - o Environmental mutagenesis
 - o Environmental toxicology

The following areas have been identified by the CNRS for the support of French scientists for work in the U.S.:

Pneumology
Structure and sequences of nucleic acids
Microbiology
Dermatology
Toxicology